

SEQUENCE IDENTIFIERS

SEQ ID NO:1

1 MTIPDANAIY HNSAIKEVVF IKNVIKSPNI EIGDYTTYDD PVNPTDFEKH
51 VTHHYEFLGD KLIIGKFCSL ASGIEFIMNG ANHVMKGIST YPFNILGGDW
101 QQYTPELTDL PLKGDTVVG N DVWFGQNVTV LPGVKIGDGA IIGANSVVTK
151 DVAPYTIVGG NPIQLIGPRF EPEVIQALEN LAWWNKDIEW ITANVPKLMQ
201 TTPTLELINS LME

SEQ ID NO:2

ATGACTATAC CTGACGCAAA TGCAATCTAT CATAACTCAG CCATCAAAGA GGTGTCTTT
ATCAAGAACG TGATCAAAAG TCCCAATATT GAAATTGGGG ACTACACCTA TTATGATGAC
CCAGTAAATC CCACCGATTT TGAGAAACAC GTTACCCATC ACTATGAATT TCTAGGCGAC
AAATTAATCA TCGGTAAATT TTGTTCTCTC GCCAGTGGCA TTGAATTTAT CATGAACGGT
GCCAACACG TAATGAAAGG TATTTCTGACT TATCCATTTA ATATATTAGG TGGCGATTGG
CAACAATACA CTCCTGAACT GACTGATTTG CCGTTGAAAG GTGATACTGT AGTCGGAAAT
GACGTGTGGT TTGGGCAAAA TGTGACCGTC CTACCAGGCG TAAAAATAGG TGACGGTGCC
ATTATCGGAG CAAATAGTGT TGTAACAAAA GACGTCGCTC CATATACAAT TGTCGGTGGC
AATCCAATTC AACTCATCGG ACCAAGATTT GAACCGGAAG TTATTCAAGC ATTAGAAAAT
CTGGCATGGT GGAATAAAGA TATTGAATGG ATAACGCTA ATGTTCTAA ACTAATGCAA
ACAACACCCA CACTTGAATT GATAAACAGT TTAATGGAAA AA

5'- CAATATTGGAATTCGGGACTACACC - 3' primer F SEQ ID NO:3
EcoRI

5'- CTGTTTATGAATTCAGTGTGG - 3' primer R SEQ ID NO:4
EcoRI

Seq. 4
I M N G A N H SEQ ID NO:5

5'- ATH ATG AAY GCN AAY CAY - 3' primer M SEQ ID NO:6

G N D V W SEQ ID NO:7

5'- CCA NAC RTC RTT NCC - 3' primer N SEQ ID NO:8

(abbreviations: H=A,T,C Y=C,T N=A,C,T,G R=A,G)

PATENT
Attorney Docket No. 03495-0193

A N A I Y H N S SEQ ID NO:9

5'- GCA AAT GCA ATC TAT CAT AAC TCA - 3' SEQ ID NO:10

M Q T T P T L E L SEQ ID NO:11

5'- ATG CAA ACA ACA CCC ACA CTT GAA TTG - 3' SEQ ID NO:12

5 5'- TAGAAAGAATTCAGTGATTGTGG - 3' primer A SEQ ID NO:13
EcoRI

5'- GGATTCACTAAATAGTAAAGGCCGTG - 3' primer B SEQ ID NO:14
HaeIII

SEQ ID NO:15

10 AAATTTAGG CGCACAAAAA GAAAGAGTGT GACAAAACAT GGTTATGCTA CATGTTTAAG
GTAAAAATAG TTATGTCACA ACTACTTATT TTTTACCCA ATCTTCTAGA CTATAATTAA
AATTAAATAA CTCAATTCGG AGGTACTAAC CTGACTATAC CTGACGCAA TGCAATCTAT
CATAACTCAG CCATCAAAGA GGTTGACTTT ATCAAGAACG TGATCAAAAAG TCCCAATATT
15 GAAATTGGGG ACTACACCTA TTATGATGAC CCAGTAAATC CCACCGATTT TGAGAAACAC
GTTACCCATC ACTATGAATT TCTAGGCGAC AAATTAATCA TCGGTAAATT TTGTTCTCTC
GCCAGTGGCA TTGAATTTAT CATGAACGGT GCCAACCACG TAATGAAAGG TATTTGACT
TATCCATTTA ATATATTAGG TGGCGATTGG CAACAATACA CTCCTGAACT GACTGATTG
CCGTTGAAAG GTGATACTGT AGTCGGAAAT GACGTGTGGT TTGGGCAAAA TGTGACCGTC
20 CTACCAGGCG TAAAAATAGG TGACGGTGCC ATTATCGGAG CAAATAGTGT TGTAACAAAA
GACGTCGCTC CATATACAAT TGTCGGTGCC AATCCAATTC AACTCATCGG ACCAAGATTT
GAACCGGAAG TTATTCAAGC ATTAGAAAAT CTGGCATGGT GGAATAAAGA TATTGAATGG
ATAACTGCTA ATGTTCTTAA ACTAATGCAA ACAACACCCA CACTTGAATT GATAAACAGT
TTAATGGAAA AATAAAAAACA AAAAAGCCGT GCAAGCAATC CAAAAATGAT TGTTTACACG
G